



OCT 28 2002

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FORM PTO-1449	SERIAL NO. 10/001,221	CASE NO. 10709/14
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE October 30, 2001	GROUP ART UNIT 1614
APPLICANT(S): Schall et al.		

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
/KAC/	A1	5,284,753	2/1994	Goodwin, Jr.		
/KAC/	A2	5,994,126	11/1999	Steinman et al.		

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
/KAC/	A3	Baggiolini et al., "Chemokines and leukocyte traffic", <i>Nature</i> , Vol. 392, 1998, pp. 565-568
	A4	Baures, "Design, Synthesis, and Dopamine Receptor Modulating Activity of Diketopiperazine Peptidomimetics of L-Prolyl-L-leucylglycinamide", <i>J. Med. Chem.</i> , Vol. 40, 1997, pp. 3594-3600
	A5	Beaulieu, "Potent HIV Protease Inhibitors Containing a Novel (Hydroxyethyl)amide isostere" <i>J. Med. Chem.</i> , Vol. 40, 1997, pp. 2164-2176
	A6	Bluel et al., "A highly efficacious lymphocyte chemoattractant, stromal cell-derived factor 1 (SDF-1)", <i>J. Exp. Med.</i> , Vol. 184, No. 3, 1996, pp. 1101-1109
	A7	Bozarth et al., "An improved method for the quantitation of cellular migration: Role of alpha-v-beta-3 integrin in endothelial and smooth muscle cell migration", <i>Meth. Cell Science</i> , Vol. 19, 1997, pp. 179-187
	A8	Brady, S.F. et al. "Discovery and Development of the Novel Potent Orally Active Thrombin Inhibitor N-(9-Hydroxy-9 fluorencarboxy)prolyl trans-4-Aminocyclohexylmethyl amide (L-372,460): Coapplication of structure-based design and rapid multiple analogue synthesis on solid support", <i>J. Med. Chem.</i> , Vol. 41, 1998, pp. 401-406
	A9	Campbell, J. et al., "6-C-kine (SLC), a Lymphocyte adhesion-triggering chemokine expressed by high endothelium, is an agonist for the MIP-3beta receptor CCR7", <i>J. Cell Biol.</i> , Vol. 141, 1998, pp. 1053
	A10	Cella, M. et al., "Maturation, activation, and protection of dendritic cells induced by double-stranded RNA", <i>J. Exp. Med.</i> , Vol. 189, 1999, pp. 821-829
	A11	Chan, V. et al., "Secondary lymphoid-tissue chemokine (SLC) is chemotactic for mature dendritic cells", <i>Blood</i> , Vol. 93, 1999, pp. 3610
↓	A12	Davatellis et al., "Cloning and characterization of a cDNA for murine macrophage inflammatory protein (MIP), a novel monokine with inflammatory and chemokinetic properties", <i>J. Exp. Med.</i> , Vol. 167, No. 6, 1988, pp. 1939-1944

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Page 2 of 4

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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
/KAC/	A13	Dieu, M. et al., "Selective recruitment of immature and mature dendritic cells by distinct chemokines expressed in different anatomic sites", <i>J. Exp. Med.</i> , Vol. 188, 1998, pp. 373
	A14	Farber et al., "A macrophage mRNA selectively induced by gamma-interferon encodes a member of the platelet factor 4 family of cytokines", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 87, No. 14, 1990, pp. 5238-5242
	A15	Forssmann et al., "CKbeta8, a novel CC chemokine that predominantly acts on monocytes", <i>FEBS Lett.</i> , Vol. 408, No. 2, 1997, pp. 211-216
	A16	Gunn et al., "A B-cell-homing chemokine made in lymphoid follicles activates Burkitt's lymphoma receptor-1", <i>Nature</i> , Vol. 391, No. 6669, 1998, pp. 799-803
	A17	Hedrick et al., "Identification and characterization of a novel beta chemokine containing six conserved cysteines", <i>J. Immunol.</i> , Vol. 159, No. 4, 1997, pp. 1589-1593
	A18	Hieshima et al., "Molecular cloning of a novel human CC chemokine liver and activation-regulated chemokine (LARC) expressed in liver. Chemotactic activity for lymphocytes and gene localization on chromosome 2", <i>J. Biol. Chem.</i> , Vol. 272, No. 9, 1997, pp. 5846-5853
	A19	Irving et al., "Two inflammatory mediator cytokine genes are closely linked and variably amplified on chromosome 17q", <i>Nuc. Acid Res.</i> , Vol. 18, 1990, pp. 3261-3270
	A20	Keller, H., "Chemotaxis and its significance for leucocyte accumulation", <i>Agents Actions</i> , Vol. 2, 1972, pp. 161-169
	A21	Kellerman S. et al., "The CC chemokine receptor-7 ligands 6CKine and macrophage inflammatory protein-3beta are potent chemoattractants for in vitro- and in vivo-derived dendritic cells", <i>J. Immunol.</i> , Vol. 162, 1999, pp. 3859
	A22	Lipes et al., "Identification, cloning, and characterization of an immune activation gene", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 85, 1998, pp. 9704
	A23	MacDonald et al., "Spliced mRNA encoding the murine cytomegalovirus chemokine homolog predicts a beta chemokine of novel structure", <i>J. Virol.</i> , Vol. 73, No. 5, 1999, pp. 3682-3691
	A24	Macphee et al., "Identification of a truncated form of the CC chemokine CK beta-8 demonstrating greatly enhanced biological activity", <i>J Immunol.</i> , Vol. 161 No. 11, 1998, pp. 6273-6279
	A25	Misicka, A. et al., "Synthesis and biological properties of beta-MePhe <sup>3</sup> analogues of deltorphin I and dermenkephalin: influence of biased $\chi^1$ of the Phe <sup>3</sup> residues on peptide recognition for $\delta$ -opioid receptors", <i>J. Pept. Res.</i> , Vol. 50, 1997, pp. 48-54
	A26	Nagasawa et al., "Molecular cloning and structure of a pre-B-cell growth-stimulating factor", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, No. 6, 1994, pp. 2305-2309
	A27	Nicholas et al., "Kaposi's sarcoma-associated human herpesvirus-8 encodes homologues of macrophage inflammatory protein-1 and interleukin-6", <i>Nat. Med.</i> , Vol. 3, No. 3, 1997, pp. 287-292
	A28	Obaru et al., "A cDNA clone used to study mRNA inducible in human tonsillar lymphocytes by a tumor promoter", <i>J. Biochem</i> , Vol. 99, No.3, 1986, pp. 885-894
↓	A29	Orlofsky et al., "Novel expression pattern of a new member of the MIP family of cytokine-like genes", <i>Cell Regulation</i> , Vol. 2, 1991, pp. 403-412

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APPLICANT(S): Schall et al.		

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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
/KAC/	A30	Poltorak et al., "MIP-1 gamma: a molecular cloning, expression, and biological activities of a novel CC chemokine that is constitutively secreted in vivo", <i>Inflamm</i> , Vol. 45, No. 3, 1995, pp. 207-219
	A31	Proudfoot, et al., "Extension of recombinant human RANTES by the retention of the initiating methionine produces a potent antagonist", <i>J. Biol. Chem.</i> , Vol. 271, No. 5, 1996, pp. 2599-2603
	A32	Rothenberg et al., "Murine eotaxin: an eosinophil chemoattractant inducible in endothelial cells and in interleukin 4-induced tumor suppression", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 92, No. 19, 1995, pp. 8960-8964
	A33	Saederup et al., "Cytomegalovirus-encoded beta chemokine promotes monocyte-associated viremia in the host", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 96, No. 19, 1999, pp. 10881-10886
	A34	Sarafi et al., "Murine monocyte chemoattractant protein (MCP)-5: a novel CC chemokine that is a structural and functional homologue of human MCP-1", <i>J. Exp. Med.</i> , Vol. 185, No. 1, 1997, pp. 99-109
	A35	Schall et al., "A human T cell-specific molecule is a member of a new gene family", <i>J. Immunol.</i> , Vol. 141, 1988, pp. 1018
	A36	Schall et al., "Molecular cloning and expression of the murine RANTES cytokine: structural and functional conservation between mouse and man", <i>Eur. J. Immunol.</i> , Vol. 22, No. 6, 1992, pp. 1477-1481
	A37	Schaniel et al., "Activated Murine B Lymphocytes and Dendritic Cells Produce a Novel CC Chemokine which Acts Selectively on Activated T Cells", <i>J. Exp. Med.</i> , Vol. 188, No. 3, 1998, pp. 451-463
	A38	Schulz-Kappe et al., "HCC-1, a novel chemokine from human plasma", <i>J. Exp. Med.</i> , Vol. 183, No. 1, 1996, pp. 295-299
	A39	Sherry et al., "Resolution of the two components of macrophage inflammatory protein 1, and cloning and characterization of one of those components, macrophage inflammatory protein 1 beta", <i>J. Exp. Med.</i> , Vol. 168, No. 6, 1988, pp. 2251-2259
	A40	Tashiro et al., "Signal sequence trap: a cloning strategy for secreted proteins and type I membrane proteins", <i>Science</i> , Vol. 261, No. 5121, 1993, pp. 600-603
	A41	Tekamp-Olson et al., "Cloning and characterization of cDNAs for murine macrophage inflammatory protein 2 and its human homologues", <i>J. Exp. Med.</i> , Vol. 172, No. 3, 1990, pp. 911-919
	A42	Thirion et al., "Mouse macrophage derived monocyte chemotactic protein-3: cDNA cloning and identification as MARC/FIC", <i>Biochem. Biophys. Res. Commun.</i> , Vol. 201, No. 2, 1994, pp. 493-499
	A43	Ugoccioni et al., "Monocyte chemotactic protein 4 (MCP-4), a novel structural and functional analogue of MCP-3 and eotaxin", <i>J. Exp. Med.</i> , Vol. 183, 1996, pp. 2379
↓	A44	Van Damme et al., "Production and identification of natural monocyte chemotactic protein from virally infected murine fibroblasts. Relationship with the product of the mouse competence (JE) gene", <i>Eur. J. Biochem.</i> , Vol. 199, No. 1, 1999, pp. 223-229

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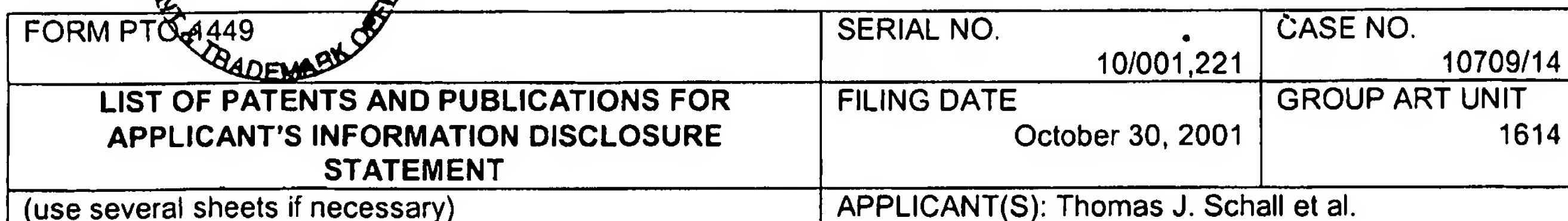
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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
/KAC/	A45	Van Damme et al., "Structural and functional identification of two humans, tumor-derived monocyte chemotactic proteins (MCP-2 and MCP-3) belonging to the chemokine family", <i>J. Exp. Med.</i> , Vol. 176., No. 1, 1992, pp. 59-65
	A46	Verdijk, R. et al., "Polyribonucleosinic polyribocytidylic Acid (Poly(I:C)) induces stable maturation of functionally active human dendritic cells", <i>J. Immunol.</i> , Vol. 1, 1999, pp. 57-61
	A47	Vicari et al., "TECK: a novel CC chemokine specifically expressed by thymic dendritic cells and potentially involved in T cell development", <i>Immunity</i> , Vol. 7, No. 2, 1997, pp. 291-301
	A48	Wang et al., "Molecular cloning and functional characterization of human MIP-1 delta, a new C-C chemokine related to mouse CCF-18 and C10", <i>J. Clin. Immunol.</i> , Vol. 18, No. 3, 1998, pp. 214
	A49	Ward S. et al., "Chemokines and T lymphocytes: more than an attraction", <i>Immunity</i> , Vol 9, 1998, pp. 1-11
	A50	Yoshida et al., "Molecular cloning of a novel human CC chemokine EBI1-ligand chemokine that is specific functional ligand for EBI1, CCR7", <i>J. Biol. Chem.</i> , Vol. 272, No. 21, 1997, pp. 13803-13809
	A51	Youn et al., "Characterization of CKbeta8 and CKbeta8-1: two alternatively spliced forms of human beta-chemokine, chemattractants for neutrophils, monocytes, and lymphocytes, and potent agonists at CC chemokine receptor 1", <i>Blood</i> , Vol. 91, No. 9, 1998, pp. 3118-3126
	A52	Youn et al., "Molecular cloning of leukotactin-1: a novel human beta-chemokine, a chemoattractant for neutrophils, monocytes, and lymphocytes, and a potent agonist at CC chemokine receptors 1 and 3", <i>J. Immunol.</i> , Vol. 159, No. 11, 1997, pp. 5201-5205
↓	A53	Zhang, Y, et al., "Synthesis, biological activity, and conformational analysis of peptidomimetic analogues of the <i>Saccharomyces cerevisiae</i> alpha-factor tridecapeptide", <i>Biochemistry</i> , Vol. 37, 1998, pp. 12465-12476

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**U.S. PATENT DOCUMENTS**

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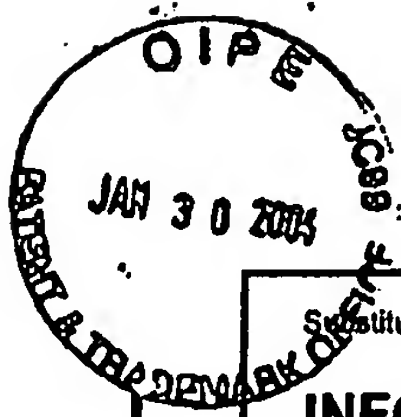
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER Number-Kind Code (If known)	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
/KAC/	B1	WO 99 29728 A	17 June 1999	PCT		
/KAC/	B2	EP 0 974 357 A	26 January 2000	European Patent Office		
/KAC/	B3	WO 98 04282 A	2 February 1998	PCT		
/KAC/	B4	WO 01 80887 A	1 November 2001	PCT		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
/KAC/	B5	De Giovanni, Carla et al., "The Prospects For Cancer Gene Therapy", <i>International Journal of Immunopharmacology</i> , vol. 22, no. 12, 2000, pp. 1025-1032
/KAC/	B6	Greaves, David R. et al., "Chemokines and Myeloid Cell Recruitment", <i>Microbes and Infection</i> , vol. 2, no. 3, 2000, pp. 331-336

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PTO/SB/08B (08-03)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/001,221		
		Filing Date	October 30, 2001		
		First Named Inventor	Schall, Thomas J.		
		Art Unit	1642		
		Examiner Name	Canella, Karen A.		
Sheet	2	of	3	Attorney Docket Number	019934-004100US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
KAC	C1	BANCHEREAU, JACQUES and RALPH M. STEINMAN; Dendritic cells and the control of immunity; Nature; 19 March, 1998; pp. 245-252; Vol. 392		
	C2	CAUX, CHRISTOPHE, et al.; Developmental Pathways of Human Myeloid Dendritic Cells; Dendritic Cells: Biology and Clinical Applications; 1999; pp. 63-92 (chapter 5); Academic Press		
	C3	ChemoTx Disposable; Neuro Probe website; Products (1 page) and Protocols (2 pages); Wednesday, April 19, 2000; <a href="http://www.neuroprobe">http://www.neuroprobe</a>		
	C4	CHOW, YEN-HUNG, et al.; Development of Th1 and Th2 Populations and the Nature of Immune Responses to Hepatitis B Virus DNA Vaccines Can Be Modulated by Codelivery of Various Cytokine Genes; The Journal of Immunology; 1998; pp. 1320-1329; Vol 160		
	C5	DILLOO, DAGMAR, et al.; Combined chemokine and cytokine gene transfer enhances antitumor immunity; Nature Medicine; October 1996; pp. 1090-1095; Vol. 2, No. 10		
	C6	ENG, VICKI M., et al.; The Stimulatory Effects of Interleukin (IL)-12 On Hematopoiesis Are Antagonized by IL-12-induced Interferon $\gamma$ In Vivo; J. Exp. Med.; May 1995; pp. 1893-1898; Vol. 181		
	C7	EO, SEONG KUG, et al.; Modulation of Immunity against Herpes Simplex Virus Infection via Mucosal Genetic Transfer of Plasmid DNA Encoding Chemokines; Journal of Virology; January 2001; pp. 569-578; Vol. 75, No. 2		
	C8	GenBank Accession No. P27784, August 1, 1992		
	C9	KHUDYAKOV, YU E.; et al. Linear B-Cell Epitopes of the NS3-NS4-NS5 Proteins of the Hepatitis C Virus as Modeled with Synthetic Peptides; Virology; 1995; pp. 666-672; Vol 206		
	C10	LILJEQVIST, SISSELA & STÅHL, "Production of recombinant subunit vaccines: protein immunogens, live delivery systems and nucleic acid vaccines" Journal of Biotechnology, 1999, pp. 1-33, Vol. 73, Elsevier.		
	C11	MOLDOVEANU, ZINA, et al.; Immune responses induced by administration of encapsidated poliovirus replicons which express HIV-1 gag and envelope proteins; Vaccine; 1995; pp. 1013-1022; Vol. 13, No. 11		
	C12	ORANGE, JORDAN S.; et al.; Mechanism of Interleukin 12-mediated Toxicities during Experimental Viral Infections: Role of Tumor Necrosis Factor and Glucocorticoids; J. Exp. Med.; March 1995; pp. 901-914; Vol. 181		
	C13	R & D Systems 2000 Catalog; front and back cover, Contents in Brief, Ordering Information, (page i) Contact Information (page ii), Cytokines & Related Molecules (p. 93-94 and 162), Antibodies (p. 163-164 and 291), 2000.		
	C14	RAMSHAW, IAN; et al.; Expression of Cytokines by Recombinant Vaccinia Viruses: A Model for Studying Cytokines in Virus Infections In vivo; Immunological Reviews; 1992; pp. 157-182; No. 127		
✓	C15	TSUJI, T., et al.; HIV-1-specific cell-mediated immunity is enhanced by co-inoculation of TCA3 expression plasmid with DNA vaccine; Immunology; 1997; pp. 1-6; Vol. 90		
Examiner Signature	Karen A. Canella		Date Considered	5/24/2004

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.